

# Converting Colors

YUV(43.3320, -16.9257,  
15.4948)

Have a look what the booklet for  
YUV(43.3320, -16.9257, 15.4948)  
contains.

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# Color

**YUV(43.3320, -16.9257,  
15.4948)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D2909
RGB	61, 41, 9
RGB Percent	24%, 16%, 4%
CMY	0.7608, 0.8392, 0.9647
CMYK	0.00, 0.33, 0.85, 0.76
HSL	37°, 74%, 14%
HSV	37°, 85%, 24%
XYZ	2.7667, 2.5977, 0.6140
YIQ	43.3320, 22.1920, -5.7120

# Conversions

## Conversions Part 2

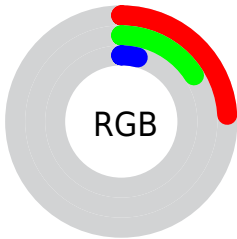
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">42, 61, 9</a>
Decimal	<a href="#">4008201</a>
CIELab	<a href="#">18.35, 5.73, 22.86</a>
CIElCh	<a href="#">18, 23.570, 75.938</a>
Yxy	<a href="#">2.5977, 0.4628, 0.4345</a>
Android (android.graphics.Color)	<a href="#">4282198281 (0xFF3D2909)</a>
YUV	<a href="#">43.3320, -16.9257, 15.4948</a>
Hunter-Lab	<a href="#">16.1174, 2.4360, 9.0234</a>

# Details

The YUV color **43.3320, -16.9257, 15.4948** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **26.6680, 16.9257, -15.4948**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.7130, -18.0995, 18.6687**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **41.4740, -18.9677, 17.1243**, and if you desaturate by 10%, it is **45.1900, -14.8837, 13.8654**.

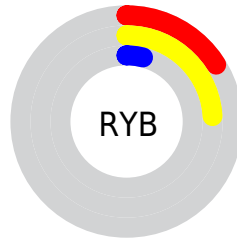
# Distribution



Red (24%)

Green (16%)

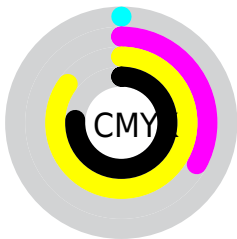
Blue (4%)



Red (16%)

Yellow (24%)

Blue (4%)

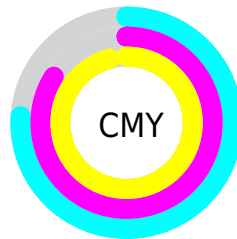


Cyan (0%)

Magenta (33%)

Yellow (85%)

Black (76%)



Cyan (76%)

Magenta (84%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 43.3320, -16.9257, 15.4948 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 43.3320, -16.9257, 15.4948 by changing the saturation by 10% instead.



■ 43.3320, -16.9257,  
15.4948

■ 43.3320, -16.9257,  
15.4948

■ 252.7200, -8.7360,  
1.9996

■ 23.6890, -11.6787,  
12.5507

■ 89.7130, -18.0995,  
18.6687

■ 0.0000, 0.0000,  
0.0000

■ 114.1970,  
-18.8311, 19.9982


■ 140.3820,  
-19.4153, 20.7130


■ 166.8660,  
-20.1469, 22.0425


■ 194.0510,  
-20.7311, 22.7573


■ 222.2360,


-21.3153, 23.4720


 243.5440,  
-18.5092, 10.0469


 43.3320, -16.9257,  
15.4948


 43.3320, -16.9257,  
15.4948


 41.4740, -18.9677,  
17.1243


 45.1900, -14.8837,  
13.8654

 40.5450, -19.9887,  
17.9390

 47.6350, -13.1311,  
11.7211

 49.4930, -11.0890,  
10.0916

 51.3510, -9.0470,  
8.4622

 53.9100, -6.8576,  
6.2179

■ 55.7680, -4.8156,  
4.5885

■ 57.6260, -2.7736,  
2.9590

■ 60.0710, -1.0210,  
0.8147

■ 61.9290, 1.0210,  
-0.8147

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.8800, -11.2798, 24.6612



43.3320, -16.9257, 15.4948



42.2550, -16.8877, 3.2844

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.3320, -16.9257, 15.4948



37.2670, 8.2494, -32.6832



46.0410, 11.3188, 9.6110

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43.3320, -16.9257, 15.4948



26.6680, 16.9257, -15.4948

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



43.4020, 17.0568, -10.8766



43.3320, -16.9257, 15.4948



38.3900, 15.0907, -33.6680

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.3320, -16.9257, 15.4948



35.2150, 0.3870, -30.8836



37.6550, 19.8901, -33.0234



45.8810, 4.0027, 22.9064



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.3320, -16.9257, 15.4948



40.4540, -12.0558, -6.5372



37.6550, 19.8901, -33.0234



46.0510, 12.7929, 3.4633

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43.3320, -16.9257, 15.4948



71.9100, -6.8576, 6.2179



26.9420, 1.5076, 29.8689



36.5830, -4.2314, 3.8737



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.3320, -16.9257, 15.4948



52.3840, -25.8253, 23.3422



53.5770, -21.9765, 2.1250



29.4840, -0.7316, 1.3295



62.1520, -30.6409, 27.9307



146.7970, -72.3709, 65.9530



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



26.6680, 16.9257, -15.4948



26.6160, 25.8253, -23.3422



16.4230, 21.9765, -2.1250



28.9290, 1.0210, -0.8147



31.8480, 30.6409, -27.9307

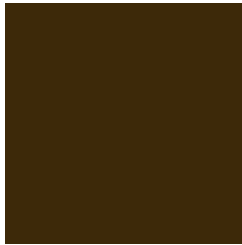


75.2030, 72.3709, -65.9530



# Previews

## White Background



This preview shows how the YUV color 43.3320, -16.9257, 15.4948 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

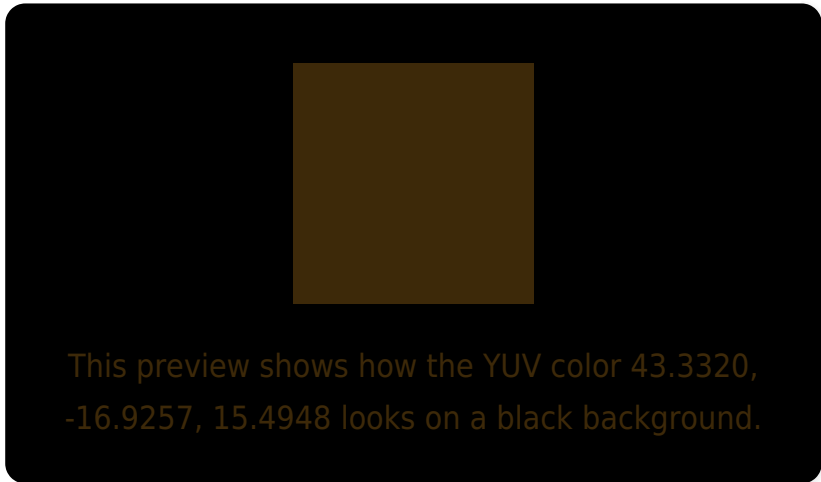
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

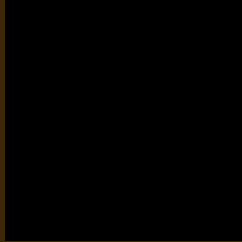
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 43.3320, -16.9257, 15.4948

## Background



This preview shows how black text looks on a background with the YUV color 43.3320, -16.9257, 15.4948.



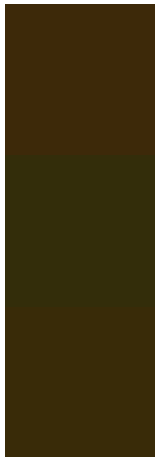
This preview shows how white text looks on a background with the YUV color 43.3320, -16.9257,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

43.3320, -16.9257, 15.4948

### Protanopia

42.8040, -16.1724, 7.1879

### Deuteranopia

43.1960, -17.3516, 12.1061



## Tritanopia

45.8170, -2.3748, 15.0695

# Trichromacy



## Original Color

43.3320, -16.9257, 15.4948

## Protanomaly

43.4130, -16.4726, 10.1618

## Deuteranomaly

42.9080, -17.2096, 13.2357

## Tritanomaly

44.7370, -7.7583, 15.1397

# Monochromacy



## Original Color

43.3320, -16.9257, 15.4948

## Achromatopsia

43.0000, 0.0000, 0.0000

## Achromatomaly

43.1380, -5.9840, 6.0180

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 43.3320, -16.9257, 15.4948 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(61, 41, 9)` looks like.

```
.text, #text, p{  
    color:rgb(61, 41, 9)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(61, 41, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 41, 9) }
```

## Border

The CSS property to change the border of an element to YUV 43.3320, -16.9257, 15.4948 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(61, 41, 9) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(61, 41, 9) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(61, 41, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 41, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(61, 41, 9); box-shadow:4px  
4px 4px 4px rgb(61, 41, 9) }
```

# Background

The CSS property to change the background color of an element to YUV 43.3320, -16.9257, 15.4948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 41, 9) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(61, 41,  
9) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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